

DEWDNEY AREA IMPROVEMENT DISTRICT
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TRUSTEE MEETING
Hatzic Prairie Hall – 10845 Farms Road
January 27th, 2025 -7:00pm

MINUTES

In Attendance: Deb McKay Richard Astell Ross Thompson
Rick Dekker Greg Hawksby Ray Boucher
Jim Loewen Steve Anderson Elske Von Hardenberg

Dave Scott, Operations Manager Ron Beck, Dyke Manager
Heather Thompson, Administrator

Residents: 2 in attendance.

CALL TO ORDER: Deb McKay, Chair – 7 pm.

Motion: To adopt January 27th, 2025 meeting agenda.
Ray Boucher/Richard Astell Opposed: None **Motion: Adopted**

Motion: To adopt November 25th, 2024 Trustee meeting minutes.
Elske Von Hardenberg/Ross Thompson Opposed: None **Motion: Adopted**

Signed: November 25th, 2024 Trustee meeting minutes – Deb McKay, Chair

Operations Report: Dave Scott

- During December and January, ongoing maintenance around pumpstation, clear log boom, remove logs from flap gates.
- December 11th, Martech crew did a 3-hour inspection on the Outlet structure, meanwhile, involved in calls to arrange the next phase of inspections for the Intake structure.
- Regarding topic of power outages and as per direction from trustees, investigated the costs for either the purchase of a generator compared to the on-demand rental as needed. The general overview was that neither of these seemed to meet DAID's needs, the cost to buy a generator that could carry the load was an estimated \$500,000, and the issue with rental would be the availability at \$8,000-\$10,000 a week, the time required for hook up and the cost of fuel on average would be \$9000/day.
- Met with BC Hydro engineers for input on solutions to power outages as most outages seem to be related to bird strikes. Suggestion was to install bird diverters, but there seems to be issues finding local suppliers, so will look further afield. Other options were discussed that need more price sourcing, the one item that would help and would be the easiest to implement would be to replace existing owned 7ft arms and braces with 11ft arms and braces, this would eliminate the arc risk from bird strikes by at least 50%. This is also the safest option when having to work around electricity.



Dyke Report: Ron Beck

- Removing log debris
- Installed more No Trespassing and No Parking signs at entry points to the dyke.

Admin/Finance: Heather Thompson

- As of December 31st, 2024, outstanding taxes are as follows: 2024 Current \$30,211.18; 2023 Arrears \$11,369.43; 2022 & Older Delinquent \$7,182.83. The balances for Arrears & Delinquent include interest charges on Dec 31st, 2024.
- As of January 1st, 2025 these amounts rolled to Arrears \$30,211.18 and Delinquent \$18,552.26.
- Audit package 2024 will be delivered to Vohora on January 30th, 2025.

Old Business:

- **Dyking Committee:** Nov 27th, 2024 trustee on-site meeting with DIOD Alex Salvaille and Mike Younie, CAO the City of Mission. DIOD shocked at the change since his last visit, asked Mike Younie to schedule a sit-down meeting with all parties involved to discuss a solution everyone can agree upon. DIOD has issued a DMA Compliance Letter to the landowners with firm instructions and deadline dates for response.
- **IAF funded project:** no further update at this time, still ongoing.

New Business:

- Received 2025 roll from BCA, 6 parcels have been added within DAID's boundary, also 8 parcels added that are not subject to taxation as they are on the Fraser River side of the dyke or owned by the Crown.
- Mail out of Assessment Notice and AGM bulletin needs to be mail out by March 21st, 2025 to meet notification requirements for AGM.
- Annual General Meeting will be held April 14th, 2025 @ Hatzic Prairie Community Hall, more information on start time and request for volunteers for setup to come.
- Court of Revision will be held on May 17th, 2025 Noon to 2pm at Everglades Resort Recreation Hall.

Public Questions:

- The subject of the Short Term Use permit was again brought up. Deb McKay, Chair, explained the process for applying for the permit and the number of steps and agencies involved before approval is granted, this will not change. It was also mentioned that WASA Lake Land and Improvement District has LLC (lake level control) on their Letters Patent, and is this something DAID can apply for. WLLID is the only Improvement District out of 189 that has this, they are not associated with dyking but are responsible for purification to supplying drinking water by lake level management.

Date for next Trustee meeting: February 24th, 2025 @ 7pm

Meeting Adjourned: 8:25 pm



Dewdney Area Improvement District

Monthly Dike Report

Location: HATZIC WATERSHED	Date: report for Jan. 25 2025
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PROJECT SITE PERSONNEL AND EQUIPMENT	
PERSONNEL	EQUIPMENT
Operator - Ron Beck Ops. Manager - Dave Scott	

WORK PROGRESS

Monthly update : December

- Reg maintenance Clear log boom Camera maintenance Chainsaws sharpened. logs also removed from the flap gates.
- DS had more conversations with Hydro to resolve some of the issues around possible bird strikes as the likely cause of outages.
- Dec. 11 Outlet structure was inspected (CCTV) by Martech crews. 3 hrs. DS fielding a number of calls and conference calls to arrange the next phase of inspections on the intake structure. DS sourced material and proposed a work method as well as prices for material and I never heard back from AE.
- RB and DS installed new no trespassing and no parking signs on gates.
- At the end of December more logs pulled.

Monthly update : January

- DS gathered prices from a number of High Voltage contractors on recommendations from Hydro and other sources. These will be summarized below separately and up for discussion if the board chooses.
- DS also looked into OHS review for written procedures around confined space and various other duties that Ron and I perform: fall arrest, working alone and in and around watercourses. I was referred to Salus Services Limited by the CoPC and AE. And had a great conversation with their P. Eng. He suggested that it would cost between 5 and \$10,000. I thought this was a little rich for us and I can do better reviewing the WCB requirements myself and implementing what we need through a contractor.
- DS acquired pricing from a local contractor for installing and repairing of farm fencing and fencing around the boat launch dike gate.

Dewdney Area Improvement District

Summary of request for pricing:

November meeting brought renewed calls for emergency generator power. DS has reviewed this in the past but DM requested that I put something in writing for the board.

New pump station power supply:

- 600V – 1200Amps 3 phase 996Kwa
- 20 % was added to this number to allow the generator to run at 80% cutting fuel and maintenance.
- 1200KW generator purchase price \$500,000
- rental \$8000-10,000 a week +-\$18000/month comes with 24hr fuel tank approximately 6000 litres plus delivery. Fuel cost per day \$9000 at \$1.50 plus mini tanker running 2 deliveries per day.
- Set up time 1-2 days depending on availability.

2 - Meetings with BC Hydro engineers:

1. Install bird diverters on existing 3ph line by customer line contractor on areas of line where there is bird strikes. (There is a BCH standard for bird diverters and line contractor should be aware of these and the installation of them)

Difficulty in acquiring this product, question the durability of the product ie. UV and wind could cause more problems than solutions.

2. Install bird wire (Plastic wire / plastic wrap wire) on areas of line where there is bird strikes.

Quote for this work including material replacing the existing wire with coated wire is \$41,000.

This would eliminate bird strike issue. Draw backs are the weight of the wire and the area is prone to high wind and this could create more serious problems and costly repairs.

3. Replace existing customer owned fuse with a larger fuse, or solid blade. (Requires BCH Engineering review and customer engineer to provide BCH primary guide Section 5.2 documents for protection review)

No work on this item, this requires some engineering that would come with upfront costs.

4. Replace existing customer owned 65T fuse with customer owned Recloser. (Requires BCH Engineering review and customer engineer to provide BCH primary guide Section 5.2 documents for protection review)

Rough estimates on this item range from \$100,000 - \$150,000 no written quote acquired.

- ✕ 5. Replace existing owned 7 ft. arms and braces with 11 ft. Arms and braces to eliminate arc risk from bird strikes.

Installation of the new 11' arms and braces re-tension guy wires and install new angle pins \$10,000 - \$24,000.

6. Replace existing customer owned line from the BC hydro drop metering pole to the pole adjacent the watercourse (approximately 500M) and 150M of submarine section to transformer engineering and civil works.

Permits and installation of 3 conduits at a depth of 1200mm 3 pull boxes and wire 450M from the Hydro drop down to the pole at the edge of the watercourse (submarine section not included) tensioning of existing poles and removal etc. \$261,000.

Dewdney Area Improvement District

Conclusion:

Note that DS tried to get 3 prices for the work but 1 local company opted out last minute but I think the board can get a sense of the numbers and the various approaches to mitigating the outage problem can take.

The replacement of the existing arms to 11 ft makes the most sense to me and the price is the most reasonable option, if it can reduce the bird strike issue by say 50% this would make my job that much safer!

O&M Manager Dave Scott

January 25, 2025